

## February 7, 2012

Office of Enforcement and Compliance Assurance Office of Compliance, Enforcement Planning, Targeting, and Data Division (2222A) United States Environmental Protection Agency 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

Alabama Department of Environmental Management Land Division P.O. Box 301463 Montgomery, AL 36130-1463

RE: Annual Report of Hazardous Waste Exports for Calendar Year 2011

#### Gentlemen:

SMI Steel, Inc. dba CMC Steel Alabama (CMC) herewith reports its activities relating to the export from the United States of hazardous wastes. The information provided is required pursuant to and fulfills the obligations of 40 CFR 262.56 and the Alabama Department of Environmental Management Administrative Code R.335-14-3-.05(7).

1. US EPA ID: ALD0167123570 SMI Steel Inc. dba CMC Steel Alabama P.O. Box 321188 101 South 50th Street (35212) Birmingham, AL. 35232-1188

- 2. Report for calendar year 2011
- 3. Consignee (s): Sarafin Pena 938 Sur Monterrey, N.L., Mexico 64000
- 4. Consignee:

Zinc Nacional, S.A.

**EPA Description:** 

Emission Control Dust/Sludge from the Primary Production of Steel in Electric Arc Furnaces

EPA Waste Number:

K061 Class 9

**DOT Hazard Class** Transporters:

Norfolk Southern Railway

GAD006920417

Kansas Southern MOD006965859

Total Amount:

5.685.20 Tons

Total Shipment:

60





RM7240

FROM

W.

1200 Pennsylvania AVE, N.W. Office of Enfollement & Compliance Washington, D.C. 20460 ASSUTANCE CMC Steel - Alabama 101 S. 50th St. (35212-3657) P.O. Box 321188, Birmingham, AL 35232-1188

EPA Mail **3oute** 

To: Enforcement and Com

Mailstop: ARIEL RIOS NORTH Department: キャンタンラザイ

Phone:

PKG Condition Certified

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# 5i. Description of efforts undertaken to reduce volume and toxicity:

CMC exports this material to Zinc Nacional for the sole purpose of reclamation of the zinc metals contained therein. Its contract with Zinc Nacional requires a minimum of 15% zinc. Zinc Nacional recovers the metal for use in pigments, medicines, and other commercial and industrial uses. The residues from the processing are non-hazardous. Therefore, after reclamation by Zinc Nacional, the hazardous waste volume is reduced to zero and the toxicity of all solid waste by products is zero.

## Volume of K061 generated:

The volume of K061 produced is dependent on the volume of steel produced. Annual melt shop steel production increased in 2011 compared to 2010 production year which accounts for the increase in K061 generated.

5ii. Description of changes in volume and toxicity achieved compared to previous years.

| Calendar Year | K061 Generated |
|---------------|----------------|
| 2009          | 5,876 tons     |
| 2010          | 7,698 tons     |
| 2011          | 10,121 tons    |

### 6. Certification:

I certify that under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Stephen G. Weaver, Director of Operations

2-8-12

Date

This report was prepared by my hand. Please address all inquiries to my attention.

Sincerely,

**CMC Steel Alabama** 

Alan Gillespie

CMC Regional Environmental Manager